

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	257	((sync synch synchroniz\$5) near2 (signal pattern mark) or SSM) same (rectify\$3 same (direct near2 current or DC))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 11:59
L2	30	(detect\$3 sens\$3 determin\$3) near4 ((sync synch synchroniz\$5) near2 (signal pattern mark) or SSM) same (rectify\$3 same (direct near2 current or DC))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 12:00
L3	104	(detect\$3 sens\$3 determin\$3) near4 ((sync synch synchroniz\$5) near2 (signal pattern mark) or SSM) same (rectif\$7 same (direct near2 current or DC))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 12:19
L4	322	(detect\$3 sens\$3 determin\$3) near4 ((sync synch synchroniz\$5) near2 (signal pattern mark) or SSM) same threshold same (above below)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 12:20
L5	145	4 and dis\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 12:20
S1	16	((("5576906") or ("5668679") or ("5574353") or ("5761212") or ("5831888") or ("6021012") or ("6091564") or ("6249896") or ("6292318") or ("6304407") or ("6411453") or ("6429989") or ("6507450") or ("6519107") or ("6587293") or ("6603622"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/10 11:57
S2	2	writ\$3 same (((hard dis\$1)near2 drive) or hdd or hd) same (product near2 servo near2 sector)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/02/22 15:57
S3	4	(servo near2 sector) same head same ((circular spiral) near2 track\$3) same (sync or synchronizing or synchronization near4 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 09:13
S4	31	(writ\$3 record\$3) same (servo near2 sector) same (read near3 signal) and (spiral near3 track)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/02/22 16:06

S5	17	(writ\$3 record\$3) same (servo near4 sector) same (time near3 recover\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/02/24 13:47
S6	1	(reliab\$5 near5 metric) same sync	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/04/04 15:11
S8	28143	(remov\$3 eradicat\$3 delet\$3 eras\$3) same residu\$2 same dis\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/04/04 15:12
S11	168	(high near2 frequency) same (spiral near3 track)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/04 13:54
S12	4	(high near2 frequency) same (spiral near3 track) same (pes or position near2 error)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 08:53
S13	96	(high near2 frequency) same (spiral near3 track) same (dis\$1 or hdd or hard near2 drive)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/04 13:54
S14	5	(hard near2 drive or hdd or hd or dis\$1) same (spiral near2 track) and (high near2 frequency) near4 (PES or position near2 error)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/04 13:56
S15	8523	360/75,77.02,77.05-77.08,77.11. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/04 13:59
S16	12	S15 and (high near2 frequency same spiral near2 track)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/04 14:03
S17	5382	(360/29,39,51,53).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/04 14:02

S18	53	S17 and (high near2 frequency and timing near2 recovery)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/04 14:03
S19	14	("3512170" "4157577" "4488187" "5012363" "5319622" "5661760" "5668679" "5771130" "5793559" "5796543" "5930065" "5963391" "5991104").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 14:12
S20	7	((("20040003193") or ("6738205") or ("6091564") or ("6111710") or ("5583712") or ("6292318") or ("5696639")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/04 14:13
S21	1	("5602692").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/05 08:52
S22	3077	(detect\$3 sens\$3 determin\$3) near4 (SSM or (sync synch synchroniz\$5) near2 (mark signal pattern)) same (generat\$3 reproduc\$3 produc\$3 creat\$3) near3 (tim\$3 clock\$3) near3 signal	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:08
S23	192	S22 and (PES PE or position near2 error)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:13
S24	25	S23 and ((spiral circular) near3 track)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:10
S25	94	S22 and (HDA or hdd or hard near2 drive or head near2 assembly)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:33
S26	2	S22 and ((tim\$3 near3 recovery) same ((writ\$3 record\$3) near2 clock))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:38
S27	27	("5132988").URPN.	USPAT	OR	ON	2005/08/08 15:36
S29	397	S22 and ((writ\$3 record\$3) near2 clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:38

S30	50	S29 and (PES or PE or (position near2 error))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:44
S31	3	tehri near2 lee.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:46
S32	111	(synchroniz\$5 near4 writ\$3 near2 clock\$3) same (sync synch near2 (signal mark) or ssm)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:51
S33	86	S22 and 360/51.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/08 15:51
S34	1	("5774286").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:57
S35	6	("4486796" "4688109" "4977469" "5233487" "5287225" "5654843").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 16:01
S36	4	(high near2 frequency) same (spiral near3 track) same (pes or position near2 error)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 09:35
S37	1	rectify\$3 near4 (read near2 (signal pattern data)) same (DC or direct near2 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/08/10 09:36